

## North America Emission Control Area Fuel Oil Non-Availability Report

## ECA0100

## 01-2018

2

##

##(Include Double Pound for comments, not form fields)

##Report Form ID

Ship Operator Name

7/4/2018 CMA Ships

4 Quai d'Arenc, 13002 Marseilles, France

3

4

5

6

7

| Vessel Name      | Flag Country | IMO ID Number | Date of ECA First Notice | Location of ECA First Notice         |
|------------------|--------------|---------------|--------------------------|--------------------------------------|
| CMA CGM Almaviva | France       | 9450648       | 3-Jul-18                 | At sea, between Norfolk and Savannah |

| Name of Ports after First Notice | Name of Last Port before ECA Entry | Name of Port with Fuel Oil Supply Disruption |
|----------------------------------|------------------------------------|--|
| Savannah, GA                     | Damietta, Egypt                    | New York (unsuitable fuel supplied)          |

| Name of Original Fuel Supplier with Disruption | Number of Fuel Suppliers Contacted |
|--|------------------------------------|
| Two suppliers, details below:                  | 2 (Two)                            |
| Supplier #1 (LSMGO)                            |                                    |
| Bunkered USNYC= APM TERMINAL (ELIZABETH,NJ)    |                                    |
| Bunkering date=25 <sup>th</sup> April 2018     |                                    |
| Supplier=PHILLIPS 66                           |                                    |
| 600 North Dairy Ashford                        |                                    |
| P.O Box 4428                                   |                                    |
| Houston, TX 77210                              |                                    |
| Supplier #2 (ULSFO)                            |                                    |
| Bunkered USNYC= APM TERMINAL (ELIZABETH,NJ)    |                                    |
| Bunkering date=28 <sup>th</sup> April 2018     |                                    |
| Supplier=GLENCORE Ltd                          |                                    |
| 330 Madison Avenue                             |                                    |
| New York, NY 10017                             |                                    |

|   |                               |  |
|---|-------------------------------|--|
| Date of Entry in the ECA  | Time of Entry in the ECA      | Sulfur Content of Non-Compliant Fuel Oil |
| Vessel already in ECA at time of disruption (en route from Norfolk to Savannah). Problem noted on 03 July 2018. | Problem noted at 1527 hrs EDT | 1.82%                                    |

| Projected Hours on Main Propulsion   | Name of First POC | Compliance Fuel Oil Available at First POC? |
|--|-------------------|---|
| None. The non-compliant fuel is only being used in the auxiliary boiler, where the problem exists. | Savannah, GA      | Yes   |

|   |   |
|---|---|
| Plan to Bunker Compliant Fuel Oil at First POC? | Number of fuel suppliers contacted at First POC |
| Yes   | 1 (one)   |

21

22

23

| Name of Second POC | Compliant Fuel Oil at Second POC? | Plan to Bunker Compliance Fuel Oil at Second POC? |
|--------------------|-----------------------------------|---|
| Charleston, SC     | Yes                               | No (intend to receive bunkers at first POC)       |



24

25

26

| Number of Fuel Suppliers Contacted at the Second POC? | Date of Exit from ECA? | Time of Exit from ECA? |
|---|------------------------|------------------------|
| NA  | 9-Jul-18               | 0300 hrs EDT           |

Has this vessel operated in the ECA in previous 12 months? Number of Separate Visits to the ECA

Yes

2

29

30

31

|                                    |                                     |                             |
|------------------------------------|-------------------------------------|-----------------------------|
| Number of Ports visited in the ECA | Previously submitted ECA0100 forms? | Number of Submitted Reports |
| 8                                  | None                                | NA                          |

|                                    |   |
|------------------------------------|---|
| Designated Corporate Official Name | Designated Corporate Official E-mail                                |
|                                    | <u><a href="mailto:safety1@cma-cgm.com">safety1@cma-cgm.com</a></u> |

Designated Corporate Official Phone Number  
+33(0) 488 918 257

#### Description of Actions to Achieve Compliance

We are experiencing problems with our auxiliary boiler when operating on ULSFO/MDO. The vessel is inside the ECA, en route from Norfolk to Savannah. Prior to using this fuel in the boiler, tests were conducted using the, using the MDO b at New York/NJ on 25-28 April 2018. The boiler had difficulty starting, despite several adjustments, troubleshooting as we replacement of parts. The problem was caused by the very low density of MDO supplied (only 2 cst at 40°C). Since the vessel region is experiencing very warm weather, the MDO temperature in the engine room at the boiler nozzle is almost 50°C ( The viscosity of the MDO has dropped further to 1.7 cst in this temperature. As per the operations manual, this boiler is c for a minimum fuel viscosity of 3 cst at 40°C. Since we have no way to cool the MDO before the burner, we are unable to and have been forced to change over to higher viscosity IFO, which has a higher Sulfur content than that specified by ECA. Once the vessel arrives at Savannah, we will receive ECA compliant fuel with an acceptable viscosity and change over the consumption to the appropriate fuel as soon as possible.